

## Anti-Phospho-Bamacan (Ser1083) Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Actual: 145 kDa.
Purification:	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.

## Applications

Application:	IF,IHC-P,WB
Recommended	IHC-P: 1:50-200; WB: 1:500-2000

## Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	A synthesized phosphopeptide: human Bamacan around the phosphorylation site of Ser1083
Antigen Species:	Human
Uniprot ID:	Q9UQE7
Synonyms:	Bamacan (p-Ser1083);Bamacan (p-S1083);p-Bamacan (Ser1083);p-Bamacan (S1083)

## Research Background

structural maintenance of chromosomes 3(SMC3) Homo sapiens This gene belongs to the SMC3 subfamily of SMC proteins. The encoded protein occurs in certain cell types as either an intracellular, nuclear protein or a secreted protein. The nuclear form, known as structural maintenance of chromosomes 3, is a component of the multimeric cohesin complex that holds together sister chromatids during mitosis, enabling proper chromosome segregation. Post-translational modification of the encoded protein by the addition of chondroitin sulfate chains gives rise to the secreted proteoglycan bamacan, an abundant basement membrane protein. [provided by RefSeq, Jul 2008],

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